

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/025244 A3

(51) International Patent Classification⁷: **G01N 33/68**,
C12N 9/02, C07K 14/47, C12Q 1/26, C07K 1/04

(21) International Application Number:
PCT/IB2003/005258

(22) International Filing Date:
16 September 2003 (16.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/410,815 16 September 2002 (16.09.2002) US
PCT/GB02/05499
5 December 2002 (05.12.2002) GB
10/313,963 5 December 2002 (05.12.2002) US

(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier applications:
US 60/410,815 (CIP)
Filed on 16 September 2002 (16.09.2002)
US 10/313,963 (CIP)
Filed on 5 December 2002 (05.12.2002)

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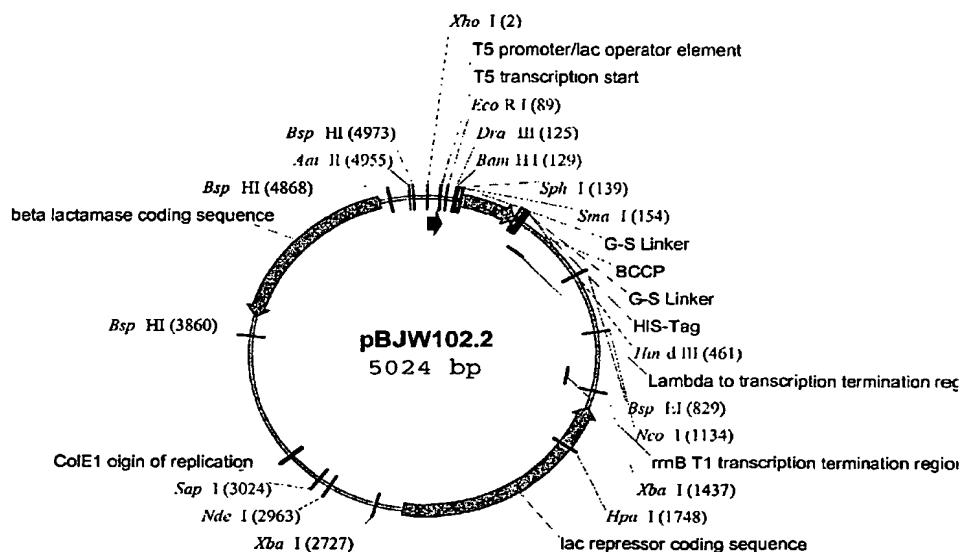
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

[Continued on next page]

(54) Title: PROTEIN ARRAYS AND USES THEREOF



(57) Abstract: The Inventors herein describe methods for the production of a functional human, animal, plant or microbe protein arrays and methods to assay for interactions between the proteins on the array with molecules of interest, for example, using such arrays to determine the in vitro metabolite profile of any drug. Such protein arrays can be used, for example, to assay, in a parallel fashion, the protein products of DNA sequences encoding drug metabolising enzymes (DMEs) to obtain a toxicology profile. Also described herein is a novel DME expression and purification strategy using detergents and not requiring an ultra-centrifugation step.



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CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

- (88) **Date of publication of the international search report:**
14 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

ational Application No

/IB 03/05258

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68 C12N9/02 C07K14/47 C12Q1/26 C07K1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C07K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 2002/094544 A1 (FANG YE ET AL) 18 July 2002 (2002-07-18) the whole document	1-36
X	WO 01/57198 A (SENSE PROTEOMIC LTD ; SUTHERLAND JOHN DAVID (GB); BLACKBURN JONATHON M) 9 August 2001 (2001-08-09) page 8, line 15 - page 10, line 27	1-35
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☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 August 2004

Date of mailing of the international search report

11/08/2004

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INTERNATIONAL SEARCH REPORT

ational Application No

/IB 03/05258

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